



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
18.10.2023 Bulletin 2023/42

(51) International Patent Classification (IPC):
C07D 291/06 ^(2006.01) **A23L 27/30** ^(2016.01)
C07C 303/34 ^(2006.01) **C07C 307/02** ^(2006.01)

(43) Date of publication A2:
27.09.2023 Bulletin 2023/39

(52) Cooperative Patent Classification (CPC):
(C-Sets available)
C07D 291/06; A23L 27/30; C07C 303/34 (Cont.)

(21) Application number: **23189507.9**

(22) Date of filing: **06.06.2013**

(84) Designated Contracting States:
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

(30) Priority: **08.06.2012 US 201261657231 P**
24.05.2013 US 201313901735

(62) Document number(s) of the earlier application(s) in accordance with Art. 76 EPC:
17151405.2 / 3 210 978
13727188.8 / 2 861 569

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(54) **PROCESS FOR PRODUCING ACESULFAME POTASSIUM**

(57) In one embodiment, the invention relates to processes for producing acesulfame potassium. In one embodiment, the process comprises the step of reacting a first reaction mixture to form an amidosulfamic acid salt such as a trialkyl ammonium amidosulfamic acid salt. The first reaction mixture comprises sulfamic acid, an amine, and smaller amounts, if any, acetic acid, e.g., less than 1 wt% (10000 wppm). In terms of ranges, the first

reaction mixture may comprise from 1 wppm to 1 wt% acetic acid. The process further comprises the step of reacting the amidosulfamic acid salt with diketene to form an acetoacetamide salt. In preferred embodiments, the amidosulfamic acid salt formation reaction is conducted at pH levels from 5.5 to 7.0. The process further comprises the step of deriving the acesulfame-K from the acetoacetamide salt.

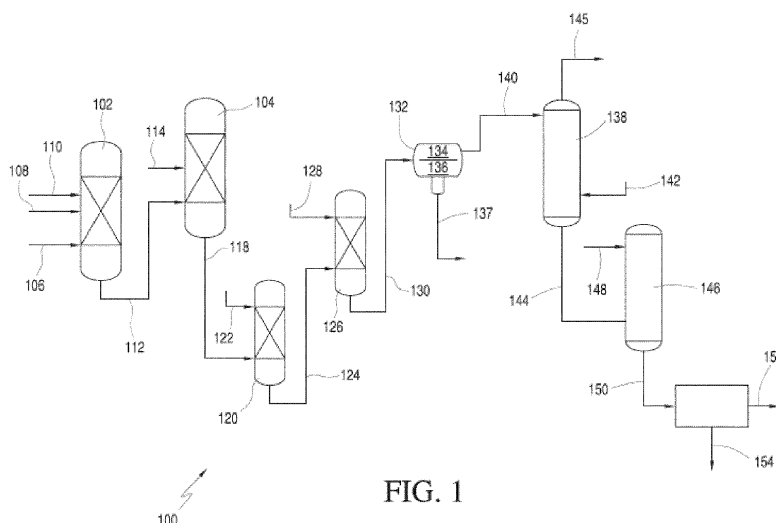


FIG. 1

(52) Cooperative Patent Classification (CPC): (Cont.)

C-Sets

C07C 303/34, C07C 307/02



EUROPEAN SEARCH REPORT

Application Number

EP 23 18 9507

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Place of search Munich		Date of completion of the search 7 September 2023	Examiner Goss, Ilaria
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EP 23 18 9507

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